

Advertisement for the position of an Institute Postdoctoral Fellow (IPDF) at IIT Gandhinagar

Supervisor: Prof. Uddipta Ghosh

Indian Institute of Technology Gandhinagar invites applications for the position of Postdoctoral Fellow in the Fluid mechanics and Reactive transport Research Group headed by Prof. Uddipta Ghosh (Inst. webpage: <https://iitgn.ac.in/faculty/me/14-uddipta>; Google Scholar: <https://scholar.google.com/citations?user=oQ3h3sMAAAAJ&hl=en>).

Job Description and Expectations

The research group has experience in Physics-Based analytical and numerical modeling and a bit of experimentation on flow and transport problems related to micro- and millifluidic applications, porous media and the broad domain of energy and sustainability related to buildings in Indian climate. The group is looking for a suitable candidate to implement sophisticated numerical codes related to micro/millifluidic applications with a particular emphasis on particle motion through viscous fluids. He/She is expected to contribute to the ongoing research projects in the group and help explore new research directions. Knowledge of Low-Reynolds number flows, Numerical Methods, Analytical tools (such as asymptotic methods) is desirable. Computer programming skills in either MATLAB or Python are required.

Eligibility

PhD (graduated or thesis submitted) in Mechanical/Chemical/Aerospace Engineering and allied fields. Also, the candidate must have secured a minimum of 60% or equivalent grade from Graduation onwards and 55% or equivalent grade in class 10th and 12th

Remuneration

Rs. 72,000/- to Rs. 84,000/- per month (consolidated).

Duration

1 year and extendable for 2 more years based on performance and funding availability.

Application Procedure

Interested candidates are requested to apply through the following Google form link (copy and paste the link on your browser): <https://forms.gle/TiaDuTTcuqwuC3Mp7>.

(Please note that you may be asked to sign into your google/gmail account).

The shortlisted candidates will be interviewed online. Application deadline is **February 15, 2026**.

For any further query, please contact Prof. Uddipta Ghosh (email id: uddipta.ghosh@iitgn.ac.in).